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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/690,368

10/16/2000

Tracey L. Jones

LIBRE1100-6

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01/19/2011

Sprinkle IP Law Group
1301 W. 25th Street
Suite 408
Austin, TX 78705

EXAMINER

LUDWIG, MATTHEW J

ART UNIT

PAPER NUMBER

2178

MAIL DATE

DELIVERY MODE

01/19/2011

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/690,368	Applicant(s) JONES ET AL.	
	Examiner MATTHEW J. LUDWIG	Art Unit 2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 November 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,5-10,13-18,21-24,28-30,34-42 and 46-51 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,5-10,13-18,21-24,28-30,34-42 and 46-51 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>11/12/2010</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This office action is in response to the request for reconsideration received 11/12/2011.
2. Claims 1, 2, 5-10, 13-18, 21-24, 28-30, 34-42, and 46-51 are pending in the application.
3. The rejections of claims 1, 2, 5-10, 13-18, 21-24, 28-30, 34-42, and 46-51, under 35 U.S.C. 102(e) as being anticipated by Stern have been withdrawn pursuant to applicant's arguments.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

5. **Claims 1, 2, 5-10, 13-18, 21-24, 28-30, 34-36, 40-42, and 46-51 are rejected under 35 U.S.C. 102(a) as being anticipated by Hsu, 'A Multimedia Authoring-in-the-large Environment to Support Complex Product Documentation', Published 1999.**

In reference to independent claim 1, Hsu teaches:

'storing an electronic version of a paper, the electronic version being displayable on a display device as a likeness of the paper'

A means for scanning in papers and other non-textual document for the preparation of hyperlink detection and presentation. The content is stored and later presented through the user interface with hyperlink information included. See page 15, 16, and 22.

'at a first location within the electronic version, detecting a reference to a second location external to the likeness of the paper, and wherein the detected reference at the first

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location is associated with a portion displayed in the likeness, and wherein the detected reference at the first location is other than alphanumeric characters of the associated portion of the likeness; and'

Section four of the reference to Hsu discloses a means for anchorable information units (AIU) in multimedia documents. The objects identified as AIU's suggest a first location within the electronic version of the paper. See Hsu, page 31, 34. Further, the reference teaches a method for allowing external references within the automatic hyperlink detection methods. See page 31 through 36 and 41.

'in response to the detected reference at the first location, embedding a hyperlink within the associated portion displayed in the likeness, wherein the displayed portion of the likeness is identified to the user as being associated with the hyperlink, the hyperlink is selectable by a user in association with the displayed portion of the likeness to cause retrieval of content from the second location and the displaying of content retrieved from the second location on the display device in association with the portion of the likeness.'

The reference to Hsu teaches an automatic hyperlink process and presentation method related to electronic product manuals. The hyperlinks are created to provide an efficient means of associating specific content with hyperlinks and allow users to select hyperlinks within the system for content retrieval. See Hsu, sections 2.0, 4.0, 4.1, 5.0.

In reference to dependent claim 2, Hsu teaches:

The reference describes automatic hyperlink methods for the creation of multimedia product manuals. As presently claimed the reference describes a means of illustrating the linking methods for each piece of content and allows for a user to select, edit, and create additional

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hyperlinks within the electronic multimedia product manual system. See figures 23 and sections 5.3 through 5.5.

In reference to dependent claim 5-7, Hsu teaches:

Table 3 of the reference describes different document viewer features. The features listed in the table include pan features for document viewing as well as zoom features and enlarging documents for specific content views. See table 3, page 53.

In reference to dependent claim 8, Hsu teaches:

As presently claimed, the link browser displays a link highlighted to indicate the hyperlink. See Hsu, figure 27.

In reference to claims 9, 10, 13-16, the claims recite a system for carrying out similar steps found in the method claims, 1, 2, and 5-8. Therefore, the claims are rejected under similar rationale.

In reference to claims 17, 18, 21-24, the claims recite a computer program product for carryout out similar functions as those found in claim 1, 2, and 5-8. Therefore, the claims are rejected under similar rationale.

In reference to dependent claim 28, 34, 40, Hsu teaches:

The version received from text and non-text content is then translated into an SGML version. See Hsu, chapter 2.0.

In reference to dependent claim 29, 35, 41, Hsu teaches:

A means for creating, storing, and editing a link table with information presented related to link information. See Hsu, chapter 5.3 and figures 22 & 23.

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In reference to dependent claim 30, 36, 42, Hsu teaches:

As presently claimed, the link browser displays a link highlighted to indicate the hyperlink. See Hsu, figure 27.

In reference to dependent claim 46, 48, and 50, Hsu teaches:

A component document checked-in and registered with the document database. Document properties of the component document are entered into the property table and can be assigned by the authors based on the purpose of the document. Document properties entered by an author are provided as watch terms for identifying the document without having to know the file name. See Hsu, section 3.2.

In reference to dependent claim 47, 49, and 51, Hsu teaches:

In response to a search based upon the specific descriptor entered into the user interface the content is produced and displayed to the user. See Hsu, section 3.2.

Response to Arguments

6. Applicant's arguments, filed 11/12/2010, with respect to claims 1, 2, 5, 6, 7-10, 13-18, 21-24, 28-30, 34-36, 40-42, and 46-51 have been fully considered and are persuasive. The rejections of said claims have been withdrawn.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW J. LUDWIG whose telephone number is (571)272-4127. The examiner can normally be reached on 9:00am-6:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Stephen S. Hong/
Supervisory Patent Examiner, Art Unit
2178

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